

From the INTERNATIONAL BUREAU

**PCT**

NOTIFICATION OF TRANSMITTAL  
OF COPIES OF TRANSLATION  
OF THE INTERNATIONAL PRELIMINARY REPORT  
ON PATENTABILITY  
(CHAPTER I OR CHAPTER II  
OF THE PATENT COOPERATION TREATY)  
(PCT Rule 72.2)

To:

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**INGEGANGEN**

28. Dez. 2005

Erled. ....

Date of mailing (day/month/year) 22 December 2005 (22.12.2005)	
Applicant's or agent's file reference 2002-0801 P	IMPORTANT NOTIFICATION
International application No. PCT/EP2003/008439	International filing date (day/month/year) 30 July 2003 (30.07.2003)
Applicant OCE PRINTING SYSTEMS GMBH et al	

**1. Transmittal of the translation to the applicant.**

The International Bureau transmits herewith a copy of the English translation made by the International Bureau of the international preliminary examination report established by the International Preliminary Examining Authority.

**2. Transmittal of the copy of the translation to the elected Offices.**

The International Bureau notifies the applicant that copies of that translation have been transmitted to the following elected Offices requiring such translation:

None

The following elected Offices, having waived the requirement for such a transmittal at this time, will receive copies of that translation from the International Bureau only upon their request:

EP, JP, US

**3. Reminder regarding translation into (one of) the official language(s) of the elected Office(s).**

The applicant is reminded that, where a translation of the international application must be furnished to an elected Office, that translation must contain a translation of any annexes to the international preliminary examination report.

It is the applicant's responsibility to prepare and furnish such translation directly to each elected Office concerned (Rule 74.1). See Volume II of the PCT Applicant's Guide for further details.

The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland	Authorized officer  Agnes Wittmann-Regis
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Translation

PATENT COOPERATION TREATY

PCT/EP2003/008439



PCT

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY  
(Chapter II of the Patent Cooperation Treaty)

(PCT Article 36 and Rule 70)

Applicant's or agent's file reference 2002-0801 P	FOR FURTHER ACTION	See Form PCT/IPEA/416
International application No. PCT/EP2003/008439	International filing date (day/month/year) 30 July 2003 (30.07.2003)	Priority date (day/month/year) 01 August 2002 (01.08.2002)
International Patent Classification (IPC) or national classification and IPC G06F 3/12		
Applicant OCE PRINTING SYSTEMS GMBH		

1. This report is the international preliminary examination report, established by this International Preliminary Examining Authority under Article 35 and transmitted to the applicant according to Article 36.
2. This REPORT consists of a total of 5 sheets, including this cover sheet.
3. This report is also accompanied by ANNEXES, comprising:
  - a. ☐ (sent to the applicant and to the International Bureau) a total of \_\_\_\_\_ sheets, as follows:
    - ☐ sheets of the description, claims and/or drawings which have been amended and are the basis of this report and/or sheets containing rectifications authorized by this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions).
    - ☐ sheets which supersede earlier sheets, but which this Authority considers contain an amendment that goes beyond the disclosure in the international application as filed, as indicated in item 4 of Box No. I and the Supplemental Box.
  - b. ☐ (sent to the International Bureau only) a total of (indicate type and number of electronic carrier(s)) \_\_\_\_\_, containing a sequence listing and/or tables related thereto, in computer readable form only, as indicated in the Supplemental Box Relating to Sequence Listing (see Section 802 of the Administrative Instructions).

4. This report contains indications relating to the following items:

- ☒ Box No. I Basis of the report
- ☐ Box No. II Priority
- ☐ Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability
- ☐ Box No. IV Lack of unity of invention
- ☒ Box No. V Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement
- ☐ Box No. VI Certain documents cited
- ☐ Box No. VII Certain defects in the international application
- ☐ Box No. VIII Certain observations on the international application

Date of submission of the demand 01 March 2004 (01.03.2004)	Date of completion of this report 06 October 2005 (06.10.2005)
Name and mailing address of the IPEA/EP	Authorized officer
Facsimile No.	Telephone No.

## INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.

PCT/EP2003/008439

## Box No. I Basis of the report

1. With regard to the language, this report is based on the international application in the language in which it was filed, unless otherwise indicated under this item.

- ☐ This report is based on translations from the original language into the following language \_\_\_\_\_, which is language of a translation furnished for the purpose of:
- ☐ international search (under Rules 12.3 and 23.1(b))
  - ☐ publication of the international application (under Rule 12.4)
  - ☐ international preliminary examination (under Rules 55.2 and/or 55.3)

2. With regard to the elements of the international application, this report is based on *(replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report)*:

- ☐ The international application as originally filed/furnished
- ☐ the description:
- pages \_\_\_\_\_ 1-8, 10-28 \_\_\_\_\_, as originally filed/furnished
- pages\* \_\_\_\_\_ 9, 9a \_\_\_\_\_ received by this Authority on \_\_\_\_\_ 08 December 2004 (08.12.2004)
- pages\* \_\_\_\_\_ received by this Authority on \_\_\_\_\_
- ☒ the claims:
- pages \_\_\_\_\_, as originally filed/furnished
- pages\* \_\_\_\_\_, as amended (together with any statement) under Article 19
- pages\* \_\_\_\_\_ 1-24 \_\_\_\_\_ received by this Authority on \_\_\_\_\_ 08 December 2004 (08.12.2004)
- pages\* \_\_\_\_\_ received by this Authority on \_\_\_\_\_
- ☒ the drawings:
- pages \_\_\_\_\_, as originally filed/furnished
- pages\* \_\_\_\_\_ 1/7-7/7 \_\_\_\_\_ received by this Authority on \_\_\_\_\_ 05 December 2004 (05.12.2004)
- pages\* \_\_\_\_\_ received by this Authority on \_\_\_\_\_
- ☐ a sequence listing and/or any related table(s) – see Supplemental Box Relating to Sequence Listing.

3. ☐ The amendments have resulted in the cancellation of:

- ☐ the description, pages \_\_\_\_\_
- ☐ the claims, Nos. \_\_\_\_\_
- ☐ the drawings, sheets/figs \_\_\_\_\_
- ☐ the sequence listing (*specify*): \_\_\_\_\_
- ☐ any table(s) related to sequence listing (*specify*): \_\_\_\_\_

4. ☐ This report has been established as if (some of) the amendments annexed to this report and listed below had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).

- ☐ the description, pages \_\_\_\_\_
- ☐ the claims, Nos. \_\_\_\_\_
- ☐ the drawings, sheets/figs \_\_\_\_\_
- ☐ the sequence listing (*specify*): \_\_\_\_\_
- ☐ any table(s) related to sequence listing (*specify*): \_\_\_\_\_

\* If item 4 applies, some or all of those sheets may be marked "superseded."

## INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No.  
PCT/EP 03/08439

## V. Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

## 1. Statement

Novelty (N)	Claims	1-24	YES
	Claims		NO
Inventive step (IS)	Claims	1-24	YES
	Claims		NO
Industrial applicability (IA)	Claims	1-24	YES
	Claims		NO

## 2. Citations and explanations

1. This report makes reference to the following documents:

D1: EP-A-1 139 275 (PITNEY BOWES), 4 October 2001  
(2001-10-04)

D2: EP-A-1 156 411 (HEIDELBERGER DRUCKMASCHINEN  
BR), 21 November 2001 (2001-11-21)

2. The subject matter of claims 1-24 of the present application meets the requirements of PCT Article 33(1) to 33(4) for the following reasons:

2.1 Independent claims 1, 13, 14, 19

- 2.1.1 Document D1 is considered to constitute the prior art closest to the subject matter of claims 1, 13, 14 and 19 and discloses a process for modifying a document data stream which contains structured input document data and corresponding input format definition data, in which process output document data and corresponding output format definition data are generated on the basis of the structured input document data and corresponding input format definition data, and inserted into the document data

stream.

2.1.2 The subject matter of independent claims 1, 13, 14 and 19 thus differs from the known process in that an additional control data file defines plane structures which correspond to the structure of the input document data and associates finishing instructions with these planes. The control data file is used to insert, during output data generation, finishing instructions and corresponding group calls into the output document data and output format definition data, and to modify or remove existing finishing instructions.

2.1.3 The subject matter of independent claims 1, 3, 14 and 19 is therefore novel (PCT Article 33(2)).

2.1.4 The present invention can therefore be considered to address the problem of simplifying further processing of the document data stream after its print-out.

2.1.5 This additional subject matter of independent claims 1, 13, 14 and 19 has the technical effect of permitting finishing instructions to be automatically inserted into a document data stream, or of permitting existing finishing instructions to be modified or removed. This has the advantage of making it possible to adapt the finishing process of a printing order automatically to the finishing equipment available.

2.1.6 Nothing is disclosed in the prior art that would prompt a person skilled in the art to modify D1 in such a way as to arrive at a solution as defined in

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independent claims 1, 13, 14 and 19.

2.1.7 The subject matter of independent claims 1, 13, 14 and 19 is therefore inventive (PCT Article 33(3)).

2.2 Dependent claims 2-12, 15-18 and 20-24

Claims 2-12-, 15-18 and 20-24 are dependent on claims 1, 14 and 19, respectively, and thus also meet the PCT novelty and inventive step requirements.